COURSE DETAIL

HUMAN GENETICS AND EVOLUTION
Country United Kingdom - England
Host Institution University of Manchester
Program(s) University of Manchester
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 157
UCEAP Course Suffix
UCEAP Official Title HUMAN GENETICS AND EVOLUTION
UCEAP Transcript Title HUMAN GENETICS & EV
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description
Upper division MCD biology elective. The study of human genetic complexity and disease is a rapidly expanding field driven by advances in new technologies which facilitate large-scale projects to catalog human genetic variation. These large-scale sequencing projects have revealed support for our understanding of human evolution and population migrations based on the fossil record. These studies have also revealed the extent of human genome sequence variations. However, understanding the link between genetic variation and the resulting phenotype presents challenges, as is apparent from large-scale association studies. This unit will explore how studying human genome sequences can inform our understanding of genetic disease and evolution.

Language(s) of Instruction
English

Host Institution Course Number
BIOL 31402

Host Institution Course Title
HUMAN GENETICS AND EVOLUTION

Host Institution Course Details

Host Institution Campus
Manchester

Host Institution Faculty

Host Institution Degree

Host Institution Department
School of Biological Sciences

Course Last Reviewed

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